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PTO/SB/05 (08-03)
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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1875.4270001
First Inventor	Scott Powell
Title	See 1 in Addendum
Express Mail Label No.	

U.S. PTO
10/786362

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 20] (preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Sheets 1]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional) with Box 18 completed
 - c. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(d).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13.
14. Preliminary Amendment Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Authorization under 37 CFR 1.136(a)(3)..... The name of the assignee is: Brodbeck Corporation

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner _____ Art Unit: _____
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 6, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number:	26111	<input type="checkbox"/> Correspondence address below	
Name	Sterne, Kessler, Goldstein & Fox P.L.L.C.		
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type)	Jason D. Eisenberg	Registration No. (Attorney/Agent)	43,447
Signature			Date 2/26/04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Addendum for Utility Patent Application Transmittal (1875.4270001)

I. Multi-Dimensional Data Interleaving Communications System And Method

#234253.1

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6161

FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 828.00)

Complete If Known

Application Number	To Be Assigned
Filing Date	Herewith on February 26, 2003
First Named Inventor	Scott Powell
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	1875.4270001

METHOD OF PAYMENT (check all that apply)

- Check Credit card Money Other None
 *Charge any deficiencies or credit any overpayments to Deposit Account: the fees to Deposit Acct. No. 19-0036

Deposit Account Number 19-0036
 Deposit Account Name Sterne Kessler, Goldstein & Fox P.L.L.C.

The Director is authorized to: (check all that apply)
 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (5)	Fee Code (6)		
1001 770	2001 385	Utility filing fee	770.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 770.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
21	1	21 - 20 = 1	1 x 18 = 18.00	18.00
1	1	3 - 1 = 2	0 x 18 = 0.00	0.00
Multiple Dependent				

Large Entity	Small Entity	Fee Description
Fee Code (5)	Fee Code (6)	
1202 18	2202 9	Claims in excess of 20
1201 66	2201 43	Independent claims in excess of 3
1203 290	2203 143	Multiple dependent claim, if not paid
1204 66	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 18.00)

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (5)	Fee Code (6)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 280	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unallowable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or release)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1808 180	1808 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40.00
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 800	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$ 40.00)

(Complete if applicable)

Name (Print/Type)	Justin D. Eisenberg	Registration No. /Attorney/Agent	43,447	Telephone	(202) 371-2600
Signature			Date	February 26, 2004	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ATTORNEYS AT LAW

Ruben George Stern	André U. Kra	Elizabeth J. Nester	Michael D. Speck	Teresa A. Colletta
Edward J. Driscoll	Dorothy J. Shaw, Jr.	Joseph S. Gershoff	Jessica L. Pinto	Jeffrey S. Landgren
Jorge A. Goldstein	Patrick E. Gerstel	Peter J. Conroy	Thomas A. Doyle*	Matthew A. Ausderau
David K. Cornell	Paul L. Gross	Christine M. Ullman	Cynthia M. Bouchez	Eric G. Johnson
Robert W. Edwards	Edward H. Wee	Ree Lynn Prokeszowicz	Mark D. Driscoll	Melissa K. Nalechek
Willy-Gene G. Durbin	Albert L. Forno*	Jane Fischbeck	Ted J. Giacalone	Robert M. DiSalvo
Michelle A. Cimbalta	Donald J. Bawcom	Lawrence J. Coughlin*	Michael D. Speck	Simon A. Elliot
Michael B. Key	Peter A. Jackson	George S. Bartholomew	Patricia A. Pappas	Julia A. Kotler
Robert P. Schatzki	Michael J. Kupperman	David L. Klein*	Karen R. Markowitz	Nicole M. Madigan
Edie K. Strobl	Anthony J. Vitarelli	Isaac B. Krasnow	Randy I. Letch	Scott M. Woodhouse
Michael O. Lee	Markwell P. Pomerance	Michael D. Spiegel	Heather C. Carlson	Jeff Cappell
Stephen R. Leibig	Vincent J. Capasso	Andrea J. Karssege	Gaby L. Longworth	Howard C. Bass III
John M. Covert	Elaine Eileen Ford	Tracy L. Medoff*	Matthew J. O'Neal	Evan B. Smith
Linda E. Alonso	Thomas C. Flaherty	Lauren M. O'Bryan	Aaron L. Schwartz	Marina C. Gotsis
Robert C. McHugh	Erian J. Del Bene	John J. Figueroa	Mary B. Teng	*Admitted only in Maryland
Lawrence B. Buckley	Vergil Lee Stinson	Anna E. Zimmerman	Karla Y. Pei Quach	*Admitted only in Virginia
Donald J. Fehlhaber	Elizabeth M. Kozicki	Theo S. Cooper*	Regen L. Shulman	ePractice Limited to
Michael V. Mezzinger	Theron A. Wood	Adri M. Ladisch*	Robert A. Schwareman	Federal Agencies

February 26, 2004

WRITER'S DIRECT NUMBER:
(202) 772-8645
INTERNET ADDRESS:
IASONE@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. To Be Assigned; Filed: February 26, 2003
For: Multi-Dimensional Data Interleaving Communications System and
Method
Inventor: Scott Powell
Our Ref: 1875.4270001

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Utility Patent Application entitled:

Multi-Dimensional Data Interleaving Communications System and Method

and naming as inventor:

Scott Powell

the application consisting of:

- a. An Application Data Sheet (37 C.P.R. § 1.76);
- b. An original executed Declaration;
- c. A specification containing:

Commissioner for Patents

February 26, 2004

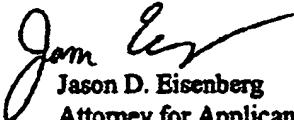
Page 2

- i. 13 pages of description prior to the claims;
- ii. 6 pages of claims (21 claims, 3 independent);
- iii. a one (1) page abstract;
- d. 4 sheets of drawings: (Figure(s) 1-4); and
4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
5. Recordation Form Cover Sheet;
6. An original executed Assignment to Broadcom Corporation, recordation of which is hereby respectfully requested;
7. Two (2) return postcards; and
8. Form PTO-2038 Credit Card Payment Form.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.


Jason D. Eisenberg
Attorney for Applicant
Registration No. 43,447

JDE/crf
Enclosures

#234222.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Scott Powell

Appl. No.: *To Be Assigned*

Filed: Herewith on February 26, 2003

For: Multi-Dimensional Data
Interleaving Communications
System and Method

Confirmation No.: *To Be Assigned*

Art Unit: *To Be Assigned*

Examiner: *To Be Assigned*

Atty. Docket: 1875.4270001

**Authorization to Treat a Reply as Incorporating an
Extension of Time Under 37 C.F.R. § 1.136(a)(3)**

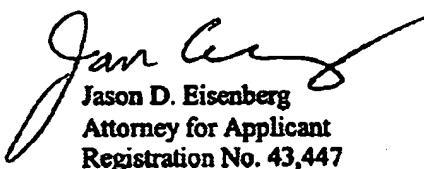
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jason D. Eisenberg
Attorney for Applicant
Registration No. 43,447

Date: February 26, 2004

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600
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